NEWZEN CONSULTANT BANGALORE

NC/PMC/W-13/2020-21/CC-C1 Date: 11-05-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Providing CC Camera at Ravindra Nagara and other area block spots in ward no 13 Shettyhalli sub division.}
Ref.: Material testing/W-13/PMC/20-21,
Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**155 min**	Shall not be less than 30 min
2	Final setting time	**285 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.88 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.93 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**29.32 N/Sq mm**	Shall not be less than 27 N/Sqmm

For Newzen Consultants Bangalore

Director

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಜೆ.ಎ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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NC/PMC/W-13/2020-21/CC-PCC1

Date: 11-05-2020

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Providing CC Camera at Ravindra Nagara and other area block spots in ward no 13 Shettyhalli sub division.}

Ref.: Material testing/W-13/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	100.00	100.00
20mm	96.15	85-100	95 - 100
10mm	39.60	0 - 20	25 - 55
4.75mm	7.85	0 - 5	0 - 10

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.20	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.05	60-95	75-100	85-100	
01.18	76.85	30-70	55-90	75-100	
600.mic	52.10	15-34	35-59	60-79	
300.mic	26.40	5-20	8-30	12-40	
150.mic	7.65	0-10	0-10	0-10	

For Newzen Consultants Bangalore

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